

PRODUCT SPECIFICATION

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Catalog : U1024

Urea, BiotechGrade

CAS# : 57-13-6

Formula : CH₄N₂O

Formula Weight : 60.06

Test

**Limit
Min. Max.**

Test	Limit Min. Max.
APPEARANCE	Colorless, transparent, prismatic crystals or white spheres
ODOR	Odorless to almost odorless
ASSAY ((NH ₂) ₂ C	99.0 - 100.5%
MELTING POINT	132° - 134°C
SOLUBILITY IN WATER	1 g in 1 ml
RESIDUE ON IGNITION	-- 0.1%
ALCOHOL-INSOLUBLE MATTER	-- 0.04%
CHLORIDE	-- 0.007%
SULFATE	-- 0.01%
HEAVY METALS	-- 0.001%
IRON	-- 0.001%
ENDOTOXIN BY LAL	AS REPORTED
DNase, RNase and Protease	NONE DETECTED
IDENTIFICATION	TO PASS TEST
EXPIRATION DATE	